EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Carl Benson on May 4, 2010.

2. The application has been amended as follows:

1. (Cancelled)

2. (Currently amended) A method of communicating and controlling receiving and presenting video or audio mass medium programming in a network, said method comprising the steps of:

inputting to a computer at an intermediate television transmission station data related to said video or audio mass medium programming;

~~transmitting~~ receiving a first downloadable code related to said video or audio mass medium programming ~~to~~ and at least one comparison signal at said intermediate television transmission station from an originating television transmission station;

detecting the presence of said first downloadable code and said at least one comparison signal at said intermediate television transmission station and passing said detected first downloadable code to said computer;

generating at said intermediate television transmission station a second downloadable code by processing said inputted data ~~under control of~~ based on determining the contents of said first downloadable code;

comparing said at least one comparison signal with stored information at said intermediate television transmission station; and

transmitting said video or audio mass medium programming and said second downloadable code to at least one receiver station based on a result of said comparison; ~~and~~

~~causing~~ wherein said at least one receiver station ~~to receive~~ receives and ~~present~~ displays said video or audio mass medium programming along with information having a predetermined relationship to said video or audio mass medium programming to ~~perform one of completing and supplementing~~ supplement said video or audio mass medium programming ~~under control of~~ by processing said generated second downloadable code at said at least one receiver station.

3. (Currently amended) A method of communicating signals in a television communications network, said television communications network including at least one origination station and a plurality of intermediate television transmission stations, each of said plurality of intermediate television transmission stations having a receiver, at least one signal generator operatively connected to said receiver, a transmitter, an automatic control unit operatively connected to said at least one signal generator, and a

detector operatively connected to said at least one signal generator, said method comprising the steps of:

~~transmitting~~ receiving in each of said plurality of intermediate television transmission stations an information transmission, including at least one generation instruction related to television programming and at least one signal for comparison from said at least one origination station;

~~receiving in each of said plurality of intermediate transmission stations said information transmission;~~

detecting in each of said plurality of intermediate television transmission stations said at least one generation instruction and said at least one signal for comparison;

passing in each of said plurality of intermediate television transmission stations said at least one generation instruction and said at least one signal for comparison to said automatic control unit;

generating in each of said plurality of intermediate television transmission stations a respective generated signal in accordance with said at least one generation instruction; ~~and~~

comparing, under control of said automatic control unit at each of said plurality of intermediate television transmission stations, said at least one signal for comparison with stored information; and

transferring in each of said plurality of intermediate television transmission stations said respective generated signal and said television programming to at least one respective receiver station ~~to said transmitter based on at least one comparison~~

~~performed by said automatic control unit in accordance with said at least one signal for comparison~~ based on a result of said step of comparing, wherein ~~said~~ a first of said respective generated signals when generated by a first of said plurality of intermediate television transmission stations is different from a second of said respective generated signals when generated by a second of said plurality of intermediate television transmission stations,

wherein said at least one respective receiver station receives and displays said television programming along with information having a predetermined relationship to said television programming to supplement said television programming by processing said respective generated signal received at said at least one respective receiver station.

4-8. (Cancelled)

9. (Currently amended) The method of claim 3, wherein said at least one generation instruction instructs each of said plurality of intermediate television transmission stations to generate microprocessor instructions, said method further comprising the step of including said microprocessor instructions in said respective generated signal at each of said plurality of intermediate television transmission stations.

10. (Currently amended) The method of claim 3, wherein said automatic control ~~units are~~ unit at each of said plurality of intermediate television stations is programmed to respond to said at least one generation instruction at different times at different of said plurality of intermediate television stations.

11. (Currently amended) The method of claim 3, wherein at least a portion of said information transmission includes video or audio mass medium programming, said method further comprising the steps of:

receiving a control signal which operates at each of said plurality of intermediate transmitter stations to ~~communicate~~ transmit said video or audio mass medium programming ~~to said transmitter~~; ~~and transmitting said mass medium programming~~ from each of said plurality of intermediate television transmission stations.

12. (Currently amended) The method of claim 3, further comprising the step of transmitting from a second origination station a control signal which is effective to cause at least one of said plurality of intermediate television transmission stations to store a second generation instruction and a second signal for comparison.

13. (Previously presented) The method of claim 12, further comprising the step of transmitting said second generation instruction from said second origination station.

14. (Currently amended) The method of claim 11, wherein said video or audio mass medium programming comprises audio.

15. (Currently amended) The method of claim 3, wherein said automatic control unit in each of said plurality of intermediate television transmission stations is programmed to control a switch, said switch adapted to communicate ~~an~~ said information transmission transmitted from said at least one origination station, said method further comprising the step of transmitting an instruction from said at least one origination station which causes at least one of said plurality of intermediate television transmission ~~station~~ stations to control its switch.

16. (Currently amended) The method of claim 3, wherein each of said plurality of intermediate television transmission stations transmits video or audio mass medium programming, said method further comprising the step of transmitting said video or audio mass medium programming from said at least one origination station to said plurality of intermediate television transmission stations.

17-18. (Cancelled)

19. (Currently amended) The method of claim 3, wherein at least one of said plurality of intermediate television transmission stations generates control signals and

wherein at least one receiver station outputs a video presentation in accordance with said control signals.

20. (Currently amended) The method of claim 16, wherein a second information transmission transmitted from each of said plurality of intermediate television transmission stations includes said video or audio mass medium programming, said method further comprising the step of including said respective generated signal in said information transmission at each of said plurality of intermediate television transmission stations.

21. (Currently amended) The method of claim 20, wherein said step of including comprises embedding at least a portion of said respective generated signal in the normal transmission location of said video or audio mass medium programming.

22. (Currently amended) The method of claim 21, wherein said video or audio mass medium programming comprises audio.

23. (Previously presented) The method of claim 9, further comprising the step of at least one of compiling and linking said microprocessor instructions.

24. (Currently amended) The method of claim 3, wherein at least one of said plurality of intermediate television transmission stations generates control signals,

wherein at least one receiver station outputs a first portion of audio in accordance with said control signals, said method further comprising the step of transmitting a second portion of audio to be output with said first portion of audio.

25. (Previously presented) The method of claim 2, further comprising the step of transmitting a portion of said first downloadable code in said second downloadable code.

26. (Currently amended) The method of claim 2, wherein said at least one receiver station generates a portion of said information having a predetermined relationship to said video or audio mass medium programming to ~~one of complete and~~ supplement said video or audio mass medium programming by processing stored data, said method further comprising the step of transmitting data to be stored at said at least one receiver station.

27-42. (Cancelled)

43. (Currently amended) A method of communicating and controlling at least one of the reception and presentation of television programming in a network, said network including a programming origination station, an intermediate television transmission station, and at least one subscriber station, said intermediate television transmission

station including a receiver and a transmitter, and said at least one subscriber station including at least one output device, said method comprising the steps of:

storing computer program code at said intermediate television transmission station related to first television programming;

inputting to a computer at said intermediate television transmission station data related to said first television programming;

~~transmitting~~ receiving a first control signal ~~to~~ and a comparison signal at said intermediate television transmission station from said programming origination station;

detecting said first control signal at said intermediate television transmission station and passing said first control signal to said computer;

executing said stored computer program code in response to determining the composition of said first control signal;

generating at said intermediate television transmission station downloadable computer program code by processing said data ~~under control of~~ based on determining the contents of said stored computer program code;

comparing said comparison signal with stored information at said intermediate television transmission station; and

transmitting said generated downloadable computer program code to said at least one subscriber station based on a result of the comparison~~in response to a second control signal~~;

~~transmitting said first programming to said intermediate transmission station~~;

receiving said first television programming at said intermediate television transmission station from said programming origination station; and

transmitting a third control signal and said first television programming from said intermediate television transmission station to said at least one subscriber station; ~~and causing one of said at least one subscriber station, under control of~~ said generated downloadable computer program code~~,~~ controlling said at least one subscriber station to ~~at least one of~~ receive second programming and diplay ~~present~~ said second programming along with said first television programming at said at least one output device, wherein said third control signal ~~executes~~ instructs said at least one subscriber station to execute said generated downloadable computer code ~~at said subscriber station~~.

44. (Currently amended) A method of communicating signals in a television communications network, said television communications network including at least one origination station and a plurality of intermediate television transmission stations, each of said intermediate television transmission stations having a receiver, at least one signal generator operatively connected to said receiver, a transmitter, an automatic control unit operatively connected to said at least one signal generator, and a detector operatively connected to said automatic control unit, wherein each said automatic control unit is programmed to perform in a station-specific fashion, said method comprising the steps of:

transmitting information content of at least one first signal from said at least one origination station to each of said plurality of intermediate television transmission stations, said information content of at least one first signal including at least one generation instruction related to television programming;

transmitting information content of at least one transmission control signal from said at least one origination station to each of said plurality of intermediate television transmission stations;

receiving at each one of said plurality of intermediate television transmission stations said information content of at least one first signal;

detecting, at each one of said plurality of intermediate television transmission stations, said at least one generation instruction;

receiving, at each one of said plurality of intermediate television transmission stations, said information content of at least one transmission control signal;

passing, at each one of said plurality of intermediate television transmission stations, said at least one generation instruction to said automatic control unit;

generating, at each one of said plurality of intermediate television transmission stations, in accordance with said generation instruction, information content of a second signal;

~~transferring~~ including, at each one of said plurality of intermediate television transmission stations, ~~to said transmitter in accordance with said transmission control signal,~~ said information content of a second signal in ~~a~~ said second signal; and

transmitting from each intermediate television transmission station of said plurality of intermediate television transmission stations to at least one respective receiver station in accordance with said information content of at least one transmission control signal said second signal, such that the transmission time of said second signal when transmitted from a first of said plurality of intermediate television transmission stations is different from the transmission time of said second signal when transmitted from a second of said plurality of intermediate television transmission stations,

wherein said at least one respective receiver station receives and displays said television programming along with information having a predetermined relationship to said television programming to supplement said television programming by processing said second signal received at said at least one respective receiver station.

45. (Currently amended) The method of claim 44, wherein said at least one generation instruction instructs each of said plurality of intermediate television transmission stations to generate microprocessor instructions and said automatic control unit is programmed with data of at least one of (i) at least one formula and (ii) at least one item to be generated.

46. (Currently amended) The method of claim 44, wherein said automatic control ~~units are~~ unit of each of said plurality of intermediate television transmission stations is programmed to respond to said at least one generation instruction at a different ~~times~~ time.

47. (Currently amended) The method of claim 44, wherein said at least one first signal .contains video or audio mass medium programming, said method further comprising the steps of:

communicating said video or audio mass media programming to said transmitter based on receipt of said at least one transmission control signal; and

retransmitting said video or audio mass medium programming from each of said plurality of intermediate television transmission stations at a time that is different at each intermediate television transmission station.

48. (Currently amended) The method of claim 44, further comprising the step of transmitting from a second origination station an instruct signal that causes at least one of said plurality of intermediate television transmission stations to store a second generation instruction and a second transmission instruction.

49. (Previously presented) The method of claim 48, further comprising the step of transmitting said second generation instruction from said second origination station.

50. (Currently amended) The method of claim 47, wherein said video or audio mass medium programming includes audio.

51. (Currently amended) The method of claim 44, wherein each of said plurality of intermediate television transmission stations further has a switch and ~~an~~ said automatic control unit ~~that~~ is programmed to control said switch.

52. (Currently amended) The method of claim 44, wherein each of said plurality of intermediate television transmission stations retransmits programming, said method further comprising the step of transmitting said programming from said at least one origination station to said plurality of intermediate television transmission stations.

53-54. (Cancelled)

55. (Currently amended) The method of claim 44, wherein a retransmission control signal instructs said plurality of intermediate television transmission stations to retransmit immediately, said method further comprising the step of selecting at least one of said at least one generation instruction and said at least one transmission instruction to store and retransmit.

56. (Previously presented) The method of claim 52, wherein said programming includes said second signal.

57. (Previously presented) The method of claim 56, wherein at least a portion of said second signal is embedded in the normal transmission location of said programming.

58. (Previously presented) The method of claim 57, wherein said programming includes audio.

59. (Previously presented) The method of claim 45, further comprising the step of at least one compiling and linking said microprocessor instructions.

60. (Currently amended) The method of claim 44, further comprising the step of transmitting at least one of a signal for comparison and at least one retransmission control signal from a first one of said plurality of intermediate television transmission stations.

61. (Cancelled)

ALLOWANCE

Allowable Subject Matter

3. **Claims 2, 3, 9-16, 19-26, 43-52 and 55-60** are allowed. These claims will be renumbered as 1-34.

4. The following is an examiner's statement of reasons for allowance:

Independent claims define a method for receiving a first downloadable code and one comparison signal at an intermediate television transmission station from an original television transmission station wherein said intermediate television station generates a second downloadable code by processing said inputted data based on determining the contents of said first downloadable code. Furthermore, one receiver station displays video or audio mass medium programming along with information having predetermined relationship to said video or audio mass medium programming to supplement said video or audio mass medium programming by processing said generated second downloadable code. The claims distinguish over prior art in that said receiver station displays said mass medium programming along with said information based on said generated second downloadable code.

The features identified, in combination with other claim limitations, are neither suggested nor discussed by the prior art of record.

The most relevant prior art Cox (US 4,388,645) teaches the method of transmitting teletext programming along with control signal for controlling the intermediate station for the retransmitting said programming to the receiver station. However, Cox does not teach the applicant's claimed combination of generating of said

second downloadable code, comparing of control signal and displaying of said programming along with said information.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Remarks

6. A double patenting administrative requirement is not being required by the examiner in the instant application since the examiner has independently conducted a double patenting analysis of the claims in the instant application.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHAN S. PARK whose telephone number is (571)272-7409. The examiner can normally be reached on M-F 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/CHAN S PARK/
Primary Examiner, Art Unit 2625
May 5, 2010